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Kanazawa

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(54) **TRANSMISSION DEVICE OF FOUR-WHEEL
DRIVE VEHICLE**

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(57) **ABSTRACT**

A transfer drive gear is provided at the rear end of a hollow counter shaft disposed under an input shaft. A reduction driven gear is provided at the rear end of a front drive shaft inserted in the counter shaft. The transfer drive gear and the reduction driven gear are engaged with a transfer driven gear which is integrally formed with an intermediate output shaft and a reduction drive gear. The rear end side of the intermediate output shaft is coupled with the front end side of a rear drive shaft through a torque coupling device, so that an FF based on the four-wheel drive vehicle can be formed.

13 Claims, 5 Drawing Sheets

